Name: _____

Division with Decimals

When dividing a number by a divisor with a decimal, follow these steps:

$$6.2\overline{)1.86} \qquad 0.34\overline{)1.082} \qquad 0.47\overline{)141}$$

1. Make the divisor a whole number by moving the decimal point to the right until there are no decimals places left.

$$6.2.\overline{)1.86} \qquad 0.3.4.\overline{)1.082} \qquad 0.4.7.\overline{)141}$$

2. In the dividend, move the decimal point to the right the same number of places that you moved the decimal point in the divisor.

$$62.\overline{)1.8.6} \qquad 34.\overline{)1.0.8.2} \qquad 47.\overline{)14100.}$$

3. Divide normally placing the decimal point in the quotient directly above the new placement of the decimal point in the dividend.

c. $0.16\overline{)32}$

d. $9.4\overline{)16.92}$

Name: _____

Division with Decimals

Find the quotients.

e. $0.42\overline{)0.504}$

f. $7.1\overline{)14.2}$

$0.03\overline{)18}$

$0.54\overline{)0.378}$

★ $1.02\overline{)1.224}$

$3.45\overline{)0.4485}$

Division with Decimals

When dividing a number by a divisor with a decimal, follow these steps:

$$6.2 \overline{)1.86} \qquad 0.34 \overline{)1.082} \qquad 0.47 \overline{)141}$$

1. Make the divisor a whole number by moving the decimal point to the right until there are no decimals places left.

$$6.2. \overline{)1.86} \qquad 0.3.4. \overline{)1.082} \qquad 0.4.7. \overline{)141}$$

2. In the dividend, move the decimal point to the right the same number of places that you moved the decimal point in the divisor.

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Division with Decimals

Find the quotients.

1.02| 1.224   3.45| 0.4485